

NFB & HTC May 2017 Assessments

Niagara County Sites/Responses (In General)

- We will be developing a sampling plan for our tentatively planned May Assessments at NFB & HTC
 - We will need two Weston Technicians for this work. Responsibilities will include:
 - Lead Weston
 - Technician who can use a mini excavator
 - Soil Sampling (mini excavator to perform sample pits is preferred)
 - Photo documentation
 - HpGe technician
 - Requesting utility mark outs
 - Data collection
 - Gamma surveying
 - Possibly utilizing RADECO and Air Particulate instrumentation
 - IDIQ
 - I have been in contact with Tim B. and Shawna Hoppe/Mark Pane in regard to performing assessment work in the Spring. IDIQ personnel may need to be used and I was ensured that this would be performed without much difficulty. I am requesting that Chad Conway be one of the technicians on the team due to his expertise with the HpGe.
 - Lab bid
 - We need to put out a new lab bid other than PACE
 - Radon Sampling Sub
 - We will need to sub out the radon specialist again to place canisters and send to laboratory
 - We want to continue to upload data to the OneDrive/SharePoint. All Weston personnel and EPA Site personnel should have access to NFB and HTC OneDrive Folders. Please let me know if anyone does not. We want to have the most recent versions of documents there for easy access and organizational purposes.

Niagara Falls Boulevard Site

- Sampling and Assessment Plan for Spring 2017 (May 8-May 19, 2017)
 - We will need to work with Lyndsey to develop soil sampling plans
 - Areas 1, 2, 3, 4, & 7
 - We will have to revise existing figures/maps
 - Ben is working on updating the gamma survey maps
 - Decreased color circle sizes to distinguish difference between gamma ranges
 - Revision of some of the boundary lines as we discussed (Area 1 and Area 4)
 - Ben is working on updating the Overview Area Map
 - Within the designated area boundaries, we need sampling areas of 2,000 square meters or less. So a larger Area may have several sub areas
 - Lyndsey will determine how many sample points we need within each area and how many samples collected at each sample point (different depth layers)
 - We will need to request utility mark outs in the areas where we are sampling
 - Once approximate sample numbers are determined, we will create new lab bid
 - We will be mostly working at the NFB Site the first week to get HpGe and Ludlum 2241 up and running while we obtain soil samples at NFB Site.
- New Lab Bid
 - I would like Weston to create a detailed lab analysis procedure for the Spring Assessment lab bids. This will include:
 - The written sample preparation we provided PACE
 - The qualitative initial gamma spec analysis
 - The list of radionuclides we require to be reported for all of our Niagara County projects
 - The lab should be certified in alpha and gamma spec
 - The lab should be able to grind up slag/rock during sample prep
 - Any other specifics required by our health physicists (Nguyen/Kappelman)
 - We need to determine how many sample points and how many samples within each point will be sent to lab
- Germanium (HpGe)
 - Frank will be ordering a new liquid nitrogen tank to be delivered on 05/08/2017
 - I am suggesting we use the existing standard and dewar for this assessment unless Dave is able to mobilize.
 - Hopefully Dave will be available the morning of 05/08/2017 to work with Chad to start up instrument
 - Unlike the lab samples, we will be running all samples collected on the HpGe. The samples designated to be shipped to the lab will be analyzed on HpGe first. Other samples can wait for analysis.

Updated: Saturday, April 08, 2017

NFB & HTC May 2017 Assessments

Holy Trinity Cemetery Site

- Sampling and Assessment Plan for Spring 2017 (May 8-May 19, 2017)
 - We will need to work with Lyndsey to develop soil sampling plans
 - Areas 1, 2, 4, 6, 7, & 9
 - Area 9 is portion of the roadway that has been added from our gamma survey
 - We will have to revise existing figures/maps
 - Ben is working on updating the gamma survey maps
 - Decreased color circle sizes to distinguish difference between gamma ranges
 - Revision of some of the boundary lines as we discussed (Area 9)
 - Ben is working on updating the Overview Area Map
 - Within the designated area boundaries, we need sampling areas of 2,000 square meters or less. So a larger Area may have several sub areas
 - Lyndsey will determine how many sample points we need within each area
 - We will need to request utility mark outs in the areas where we are sampling
 - Once approximate sample numbers are determined, we will create new lab bid
- New Lab Bid
 - The same criteria developed for NFB
- Gamma Survey
 - We need to complete the gamma survey in Area 1
 - Ludlum 2241 3*3 NaI probe with GPS (Requested Unit from ERT/Dave)
 - The QC will need to be performed utilizing a background area at HTC
 - Lyndsey will have to go into more details on this for Weston
 - We need to perform indoor gamma survey in the Roberts Ave residential homes
 - Since the driveways of Areas 6 & 7 exhibited elevated levels of gamma, these homes are now part of the site as is Area 5
 - We performed gamma survey in Area 5 home and therefore will perform the same in the Areas 6 & 7.
- Radon Sampling
 - We will need to perform radon sampling within Roberts Ave residential homes (Areas 6 & 7)
 - We should base the number of samples and other procedures on the subcontract for Area 5 indoor sampling event